

Data sheet

SR25504HBNC, 4-pole

Page 1/6

P/N
SR25504HBNC

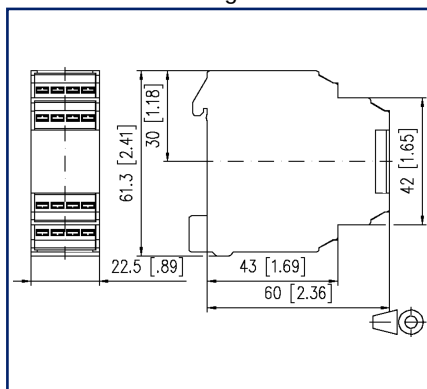
2023/07/03

Version: D

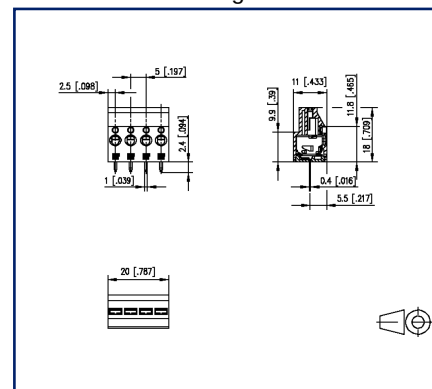
Illustrations



Dimensional drawing



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, THT solderable
- centerline 5.00 mm, direction of connection 90°
- fittable without loss of poles
- color black



U | Contact

Data sheet SR25504HBNC, 4-pole

Page 2/6

P/N
SR25504HBNC

2023/07/03

Version: D

Technical Data

General Data

Solder pin length	2.4 mm		
pole size	4		
Insulating material class	CTI 600		
clearance/creepage dist.	4 mm		
Protection category	IP20		
Min. insul. strip length	8 mm		
Rated current	20 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320 V	800 V	800 V
Rated test voltage	4 kV	4 kV	4 kV

Terminal data

rat.wiring solid AWGmax	0.2 mm ² - 2.5 mm ² / AWG 24 - AWG 14
rat.wiring strand.AWGmax	0.2 mm ² - 2.5 mm ² / AWG 24 - AWG 12

Approvals

 V / A / AWG	300 / 19 / 24 - 12
approval UL - File No.	E121004
 2.5 mm ²	250 V / 2.5 kV / 20 A

Material

insulating material	PPA
flammability class	V0
spring material	Spring steel
contact material	CuSn
Contact surface	Sn
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	800 °C acc. to IEC 60695-2-13

Climatic Data

upper limit temperature	105 °C
lower limit temperature	-40 °C

general

U | Contact

Data sheet

SR25504HBNC, 4-pole

Page 3/6

P/N
SR25504HBNC

2023/07/03

Version: D

Technical Data

Tolerance	ISO 2768 -mH
Solderability	Acc. to JEDEC JESD22-B102E 245°C/5s



U | Contact

Data sheet

SR25504HBNC, 4-pole

Page 4/6

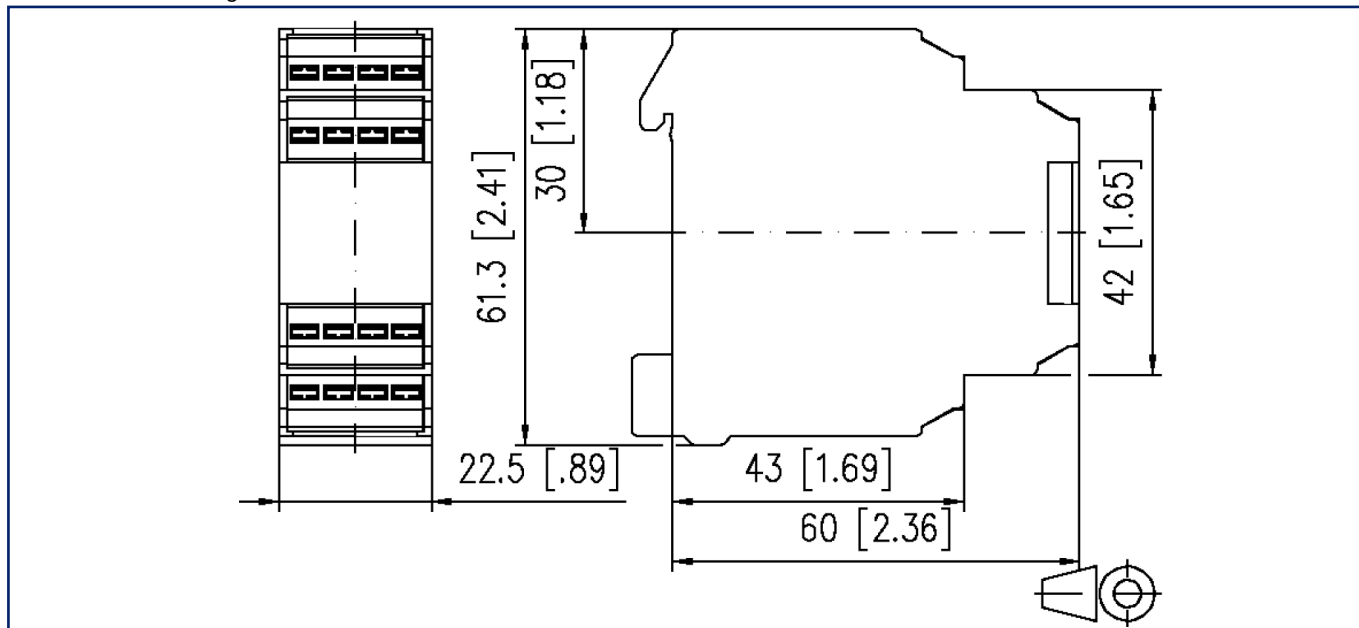
P/N
SR25504HBNC

2023/07/03

Version: D

Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} [0.197]$



U | Contact

Data sheet

SR25504HBNC, 4-pole

Page 5/6

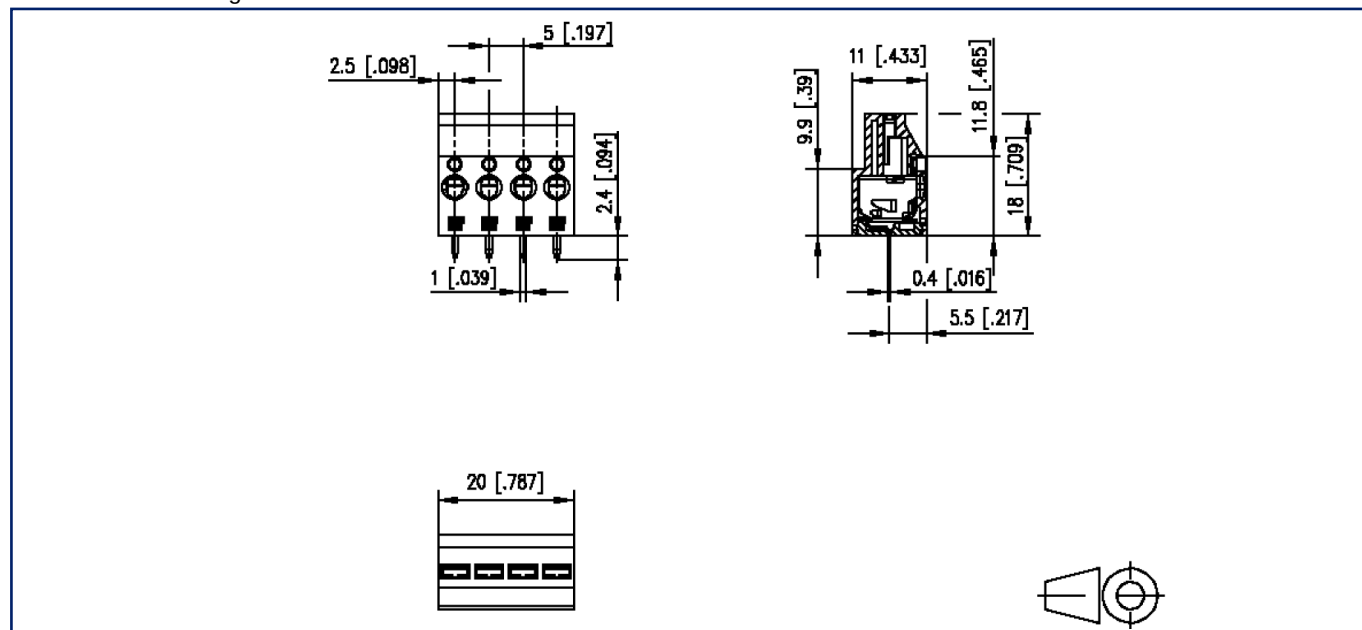
P/N
SR25504HBNC

2023/07/03

Version: D

Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm}$ [0.197]



U | Contact

Data sheet

SR25504HBNC, 4-pole

Page 6/6

P/N
SR25504HBNC

2023/07/03

Version: D

Illustrations

Drill pattern

